

WSC 2008 Call for Papers

The Winter Simulation Conference (WSC) is the premier international forum for disseminating recent advances in the field of system simulation. In addition to a technical program of unsurpassed scope and quality, WSC provides the central meeting place for simulation practitioners, researchers, and vendors working in all disciplines in industrial, governmental, military, and academic sectors. The theme for WSC 2008 is “Global Gateway to Discovery”.

LOCATION: WSC 2008 will be held in vibrant Miami, Florida at the InterContinental Hotel, December 7th-10th. Overlooking Biscayne Bay, the InterContinental is a luxurious international destination located in the heart of the “Gateway to the Americas”. The hotel is minutes from South Beach, Coconut Grove, and Coral Gables, and 7.5 miles from Miami International Airport. Bayside Marketplace, with more than 200 shops, restaurants, and clubs, is a 5 minute walk. The hotel features 641 luxurious rooms with views of the Miami skyline and Biscayne Bay, high speed internet access, a heated outdoor pool, modern fitness center and three restaurants.

KEYNOTE SPEAKER: Margaret Brandeau, Stanford University Professor of Management Science and Engineering will present a talk entitled “Modeling and Simulation in Public Health: A Little Help can Go A Long Way”. Professor Brandeau has published numerous articles in areas of applied operations research and policy analysis, has co-edited the books *Modeling the AIDS Epidemic: Planning, Policy, and Prediction* and *Operations Research in Health: A Handbook of Methods and Applications*. Her HIV research focuses on using mathematical and economic models to assess the value of different HIV and drug abuse interventions, both in the U.S. and abroad. Her recent research has focused on preparedness planning for potential bioterror attacks, including modeling and analysis of the bioterrorism response supply chain.

PROGRAM: WSC 2008 features a comprehensive program ranging from introductory tutorials to state-of-the-art research and practice. WSC 2008 will also incorporate the MASM (Modeling and Analysis for Semiconductor Manufacturing) Conference, the leading modeling and analysis conference for global semiconductor manufacturing and supply chain operations. MASM will feature an international panel discussion titled “Modeling and Analysis of Semiconductor Manufacturing in a Shrinking World: Challenges and Successes”. As part of the conference theme of ‘Global Gateway to Discovery’, WSC 2008 will feature a track titled ‘Simulation Around the World’, highlighting the uses of simulation in different global regions. Contributions to the technical program are solicited in the following general areas, and papers in all areas of discrete-event and combined discrete-event/continuous simulation will be considered:

- Advanced Tutorials
- Analysis Methodology
- Business Process Modeling
- Case Studies
- Construction and Project Management
- General Applications
- Health Care
- Introductory Tutorials
- Logistics, Transportation and Distribution
- Manufacturing Applications
- Military Applications
- Modeling Methodology
- Risk Analysis
- Security and Emergency Response
- Simulation Around the World
- Simulation Education
- Semiconductor Manufacturing (MASM2008)
- Simulation Interoperability

PAPER DEADLINES AND REQUIREMENTS: All contributed paper submissions will be **peer reviewed**. Accepted papers will be published in the CD-ROM versions of the conference proceedings, which will be copyrighted and widely disseminated. A paper must accompany all presentations and tutorials except those in the Vendor/Exhibitor track, the Simulation Case Studies track, the Poster Session, and the Ph.D. Colloquium. Instructions, information, submission forms and procedures are available on the WSC website, www.wintersim.org. Please note the following important deadlines:

- **April 15, 2008:** Electronically submit contributed papers not previously published or presented. Each submission must be a 3- to 9-page paper, including an abstract of not more than 150 words. Panel papers and papers in the tutorials tracks may be up to 12 pages. Submission implies that an author will attend WSC ‘08 to present the paper, and all clearance required for publication of the paper will be obtained by July 15, 2008. Use of one of the following formats is required: Microsoft Word or LaTeX. Submissions must be made through the WSC website, www.wintersim.org.
- **June 5, 2008:** Contributors will be notified whether or not their paper has been accepted.
- **July 17, 2008:** Authors electronically provide a final manuscript meeting all requirements to the Proceedings Editor.
- **September 14, 2008:** Deadline to electronically submit abstracts for Simulation Case Studies (submission form available August 1), as well as abstracts for presentations in the Poster Session and Ph.D. Student Colloquium. Simulation Case Studies require involvement from an industrial sponsor.
- **Ph.D. Student Colloquium:** The INFORMS Simulation Society and the ACM Special Interest Group on Simulation invite Ph.D. students to present short research summaries on Sunday afternoon, December 7, 2008. Colloquium presenters also participate in the Poster Session. Nominations for the Ph.D. Colloquium will be solicited in Fall 2008.

For additional information, please contact the General Chair, **Tom Jefferson**, at “thomas.jefferson@intel.com” or the Program Chair, **John Fowler**, at “john.fowler@asu.edu”.

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